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District: - Bikaner

Dated: 19.09.2025

Weather Forecast and Agromet Advisory

Period 19th September 2025 to 23th September 2025

Weather review of last week: During this period, the maximum temperature ranged between 30.4 to 33.9 °C and the minimum temperature ranged between 21.8 to 25.8°C. During this period, low wind speed observed with RH values of 60% to 95%.	Weather forecast for the coming week: On the basis of the information received from the India Meteorological Department, New Delhi and Regional Meteorological Centre, Jaipur, weather for the next 5 days in Bikaner district (19.09.2025 to 23.09.2025) partially cloudy on 19.09.2025 & 23.09.2025 and clear sky on 20.09.2025 to 22.09.2025. Tmin will 26.0-27.0°C and the T _{max} is likely to remain between 37.0 and 38.0 °C. During this period high wind velocity is likely to blow coupled with very low relative humidity? Wind blow from the South-West and West-South-West directions.
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Weather Parameter	Date				
	19.09.2025	20.09.2025	21.09.2025	22.09.2025	23.09.2025
Rainfall (mm)	0	0	0	0	0
Cloud cover	Partially Cloudy	Clear sky	Clear sky	Clear sky	Partially Cloudy
Temperature Maximum (° C)	37	38	37	37	37
Temperature Minimum (° C)	26	27	26	26	26
Wind direction	WSW	WSW	SW	SW	SW
Minimum Relative humidity (%)	25	23	23	24	26
Maximum Relative humidity (%)	42	42	50	52	57
Wind velocity(km/hr)	16	19	18	18	19
Cumulative rains (mm)	00.00				

Agro Advisory: Based on the weather review of last week and the weather forecast for this week, the following advice is given to the farmer.

Specific advisory	Avoid foliar spray of chemicals during cloudy weather conditions. Conserve every drop of water and moisture for future. Prevailing and forecasted weather conditions may increase the chances of disease and insect attack in the standing kharif crops. Therefore, regularly watch the fields to diagnose insect pest & disease infestation in crops and orchards. For the control of sucking pests (jassids, white fly, thrips etc) in guar and pulses, spray acetamiprid or thiamethoxam @ 3 g/10 litre water.
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Crop	Stage	Details	Agro Advisory
Groundnut	Branching/ Pegging	Yellowing management	Spray 0.5 per cent ferrous sulphate and 0.1 percent citric acid when symptoms of yellowing appear in the standing groundnut crop.
		Disease management	Prevailing and forecasted weather conditions may increase the chances of tikka disease in groundnut. Therefore, farmers are advised to spray of Mencozeb or Chlorothalonil @ 2 grams per litre of water.
		Irrigation	Maintenance of moisture is an essential activity.
All crops	Reproductive	Irrigation	Looking the dry spell period irrigate crops at grain formation stage.
Moth/mung bean	Maturity	Harvesting	Harvest the timely sown moth bean and mung bean crop at physiological maturity.
Gram/tameera	Sowing	peta sowing	Appropriate time for sowing of gram and tameera in the fellow fields on conserved moisture basis.
Horticulture	Planting	Planting and irrigation	For planting new Kinnow and ber orchards dig pits of 1m x 1m x 1m and remain open for at least 20 days at a distance of 6m x 6m. Irrigate date palm, Kinnow, orange and lemon orchards on regular interval.
Livestock		Food and Nutrition	Prepare and fed protein rich high nutritive urea – molasses bricks as per the guidance of registered veterinarian
		Diseases	Looking the weather condition vaccinate the domestic animal against Foot and Mouth Disease, Black Quarter and Hemorrhagic Septicemia

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